

AEC (CERN-Trans-72-2) IONIZATION CHAMBER WHEN
PLACED IN A MAGNETIC FIELD. Kocharov, G. E.; Yamshchikov,
M. A. ¹⁰Translated by B. Hodge (CERN, Geneva, Switzerland),
from ¹⁵Izv. Akad. Nauk SSSR, Ser. Fiz.; 24: 350-6 (1960). ²⁰13p.
²⁴Dep. NTIS (U. S. Sales Only).

²⁸instrumentation; translations ²¹18D

²⁸MN-37 ²⁹NP NSA

G. Ye. Kocharov

The Ionization Chamber When Placed in a
Magnetic Field.

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Seriya Fizicheskaya, Vol 24, 1960, pp 350-356.
NTC 72-14067-18D

Nov 72

Ya. T. Eidus

Catalytic Polymerization of Olefins. Part XII.
Polymerization of Isobutylene in the Presence of
Kisatibiisk Kieselguhr.
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Seriya Khimicheskaya, 1961, pp 338-343.
NTC 72-13504-07C

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Proportional Counter Filled With a Mixture of
Xenon and Isopentane.

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Seriya Fizicheskaya, Vol 28, No 10, 1964,

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Vapor Pressure and Solubility of the
Aqueous Reciprocal System $2\text{NaCl} + \text{MgSO}_4 \rightleftharpoons$
 $\text{Na}_2\text{SO}_4 + \text{MgCl}_2$ at 25°, 32 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz
Khim, Vol. XV, 1947, pp 234-265.

ATS-76140R

Sci
Vol IV, No 7
Apr 62

193, 848

Polyakov, V. D.

DOUBLE DECOMPOSITION IN ABSENCE OF SOLVENT. LIV. A QUATERNARY MUTUAL SYSTEM OF FLUORIDES, CHLORIDES, AND BROMIDES OF SODIUM AND POTASSIUM, Na, KIF, Cl, Br (Obmennoe Razlozhenie v Otsutstvii Rastvoritelya. Stat'ya LIV. Chetvertaya Vzaïmnaya Sistema iz Floristykh, Khloristykh i Bromistykh Solei Natriya i Kaliya, Na, KIF, Cl, Br). [1963] [49p] 28refs
Order from OTS, SLA, or ETC \$4.60 TT-63-20766

Trans. of ~~Akademiya Nauk SSSR, Sektor Fiziko-Khimicheskogo Analiza, Izvestiya~~ 1960, 4: 13, p. 299-320.

Another trans. is available from SLA as RT-955, 33p.

DESCRIPTORS: *Thermochemistry, *Fused materials, *Salts, *Sodium compounds, *Potassium compounds, *Fluorides, *Chlorides, *Bromides, Decomposition, *Phase studies, Chemical equilibrium, Calorimetry, (Chemistry--Physical, TT, v. 11, no. 4)

TT-63-20766

I. Polyakov, V. D.
II. Title: Quaternary...
III. Title: Chetvertaya...
IV. RT-955

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Pogodin, S. A. and Shpichinetskii, E.
SOLID SOLUTIONS OF LITHIUM IN LEAD. [1963]
14p
Order from K-H \$14.00 K-H 3980 c

Trans. of Akad[emiya] Nauk SSSR, Sektor Fiz[iko]-
Khim[icheskogo] Anal[iza], Izvestiya, 1947, v. 15,
p. 88-95.

DESCRIPTORS: *Lithium alloys, *Lead alloys.

(Metallurgy--Nonferrous Metals, TT, v. 10, no. 10)

63-22478

- I. Pogodin, S. A.
- II. Shpichinetskii, E.
- III. K-H-3980-c
- IV. Kresge-Hooker Science
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Pavlenko, S. P.
VOLUME RELATIONS IN BINARY SYSTEMS OF
FUSED SALTS. I. SPECIFIC GRAVITIES AND MO-
LECULAR VOLUMES OF THE SYSTEMS $KCl-ZnCl_2$
AND $KCl-CaCl_2$. [1963] 14p 8refs
Order from OTS, SLA, or ETC \$1.60 TT-63-20435

Trans. of Akademiya Nauk SSSR, Sektor Fiziko-
Khimicheskogo Analiza, Izvestiya, 1949, v. 17,
p. 220-227. (Abstract available)

DESCRIPTORS: *Fused materials, Volume, *Density,
*Chlorides, *Potassium compounds, *Zinc compounds,
*Calcium compounds, Molecular properties, Phase
studies

By the method of hydrostatic weighing the specific
gravity of fused $ZnCl_2$, KCl , and $CaCl_2$ was verified
and the specific gravities of the systems $KCl-ZnCl_2$ and
 $KCl-CaCl_2$ were studied. On the basis of the experi-
(Chemistry--Physical, TT, v. 11, no. 2) (over)

TT-63-20435

- I. Title: Thermal coefficients
- I. Pavlenko, S. P.
- II. Title: Specific...

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TT-64-14411

Voskresenskaya, N. K.
THERMODYNAMICS OF EXCHANGE REACTIONS IN
SALT SYSTEMS. [1963] 13p (table omitted) 15 refs
Order from OTS, SLA, or ETC \$1.60 TT-64-14411

Trans. of Akad[emiya] Nauk SSSR. Sektor Fiz[iko]-
Khim[icheskogo] Anal[iza]. Izvest[iya] 1949, v. 19,
p. 155-161.

DESCRIPTORS: *Salts, Exchange reactions, *Thermo-
dynamics, Thermochemistry.

I. Voskresenskaya, N. K.

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(Chemistry--Physical, TT, v. 11, no. 10)

Thermographic Method for Determining Heat
Effect, by A. P. Kapustin, Ya. P. Barakty.
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*Redstone Arsenal

Sci-Phys
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Voskresenskaya, N. K. and Kashcheev, G. N.
SOLUBILITY OF BARIUM OXIDE IN FUSED SALTS.
[1963] 16p
Order from K-H \$16.00 K-H 5866 f

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DESCRIPTORS: *Fused materials, *Salts, *Barium
compounds, Oxides, Solubility.

(Chemistry--Physical, TT, v. 10, no. 10)

63-22491

- I. Voskresenskaya, N. K.
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- III. K-H-5866-f
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Armenianskoi SSR, Erevan. Seriya Fiziko-Mat-
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CFSTI TT-66-61663

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No 3, 1961, pp 34-41.

*Emmanuel ^{Long} Call Res ~~in~~ Center

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FTD-TT-62-1156

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Sci - Elect & Elec Engr
Feb 67

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A. Ye. Kiv. 4 pp.

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Feb 69

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E u r a t o m

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*Univ of Wisconsin
(NSF)

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Sci-Elec
Jan 66

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61-13454

Belousov, V. V.
PROBLEME DES INNEREN BAUS DER ERDE UND
DER ERDENTWICKLUNG. II. DIE VORGÄNGE IM
ERDINNERN UND DIE ERDENTWICKLUNG (Problemy
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Izvestiya. Seriya Geofizicheskaya] 1951, no. 2,
p. 4-16 (pub. in Sowjetwissenschaft. Naturwissen-
schaftliche [Beiträge] (West Germany) 1951, v. 4,
no. 2).

DESCRIPTORS: *Geophysics, *Earth, *Geology, Theory

The primary process in the development of the earth
and of its crust is considered to be the differentiation
of materials, which occurs "in several stories". In
the upper layers the differentiation progresses more
rapidly than in the deep ones, and for this reason the
(Earth Sciences--Geology, TT, v. 6, no. 3) (over)

I. Belousov, V. V.
II. Title: Vorgänge...
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Malovichko, 6 pp.

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Air Res and
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Scientific - Geophysics CTS/DEX

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